



[Home](#) [Browse](#) [Search](#) [My Settings](#) [Alerts](#) [Help](#)


Quick Search Title, abstract, keywords Author e.g. j s smith
 [search tips](#) Journal/book title Volume Issue Page [Clear](#)  [Go](#)

Bioorganic & Medicinal Chemistry Letters
 Volume 2, Issue 10, October 1992, Pages 1251-1256

[Result list](#) | [previous](#) < 16 of 28 > [next](#)

Abstract

 [Add to my Quick Links](#)  [Cited By](#)  [E-mail Article](#)  [Save as Citation Alert](#)  [Export Citation](#)  [Citation Feed](#)

doi:10.1016/S0960-894X(00)80224-3  [Cite or Link Using DOI](#)
 Copyright © 1992 Published by Elsevier Science Ltd. All rights reserved.

[View Record in Scopus](#)
[Cited By in Scopus \(10\)](#)

1,3,4-trisubstituted pyrrolidinones as scaffolds for construction of peptidomimetic cholecystokinin antagonists

Daniel L. Flynn,^{*a} Clara I. Villamil^a, Daniel P. Becker^a, Gary W. Gullikson^b, Chafiq Moumami^b and Dai-Chang Yang^b

^a Departments of Medicinal Chemistry Searle Research and Development, Skokie, IL 60077 U.S.A.

^b Neurological Diseases Research Searle Research and Development, Skokie, IL 60077 U.S.A.

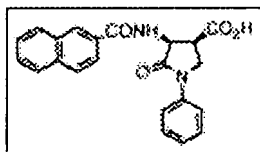
Received 16 June 1992. Available online 9 March 2001.

Abstract

A new series of cholecystokinin (CCK) antagonists are described which utilizes a new 1,3,4-trisubstituted pyrrolidinone as a scaffold for appending specific amino acid R group mimics (Figure 1). Compound 1A and 1E (SC-50998) exhibit potent nanomolar IC₅₀ values in a CCK-A receptor binding assay. Compound 1E behaves as a competitive antagonist in vitro and is orally active.

Graphical Abstract

A new series of cholecystokinin-A receptor (CCK-A) antagonists are described which utilizes a 1,3,4-trisubstituted pyrrolidinone as a scaffold for appending specific amino acid R group mimics.



[Display Full Size version of this image \(1K\)](#)

Bioorganic & Medicinal Chemistry Letters
 Volume 2, Issue 10, October 1992, Pages 1251-1256

[Result list](#) | [previous](#) < 16 of 28 > [next](#)

[Home](#) [Browse](#) [Search](#) [My Settings](#) [Alerts](#) [Help](#)



[About ScienceDirect](#) | [Contact Us](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2007 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.